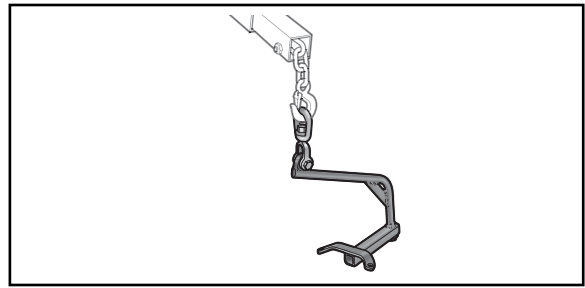




Service Tool Instructions

REV. 06-25-2003

Instruction Sheet ID: -J03026



HD-46284 SPORTSTER® ENGINE HOOK

General

The Sportster Engine Hook (HD-46284) is used to support 2004 and later Sportster engines from an engine hoist when removing or installing into the frame.

NOTE

A Service Manual for your model motorcycle is available from your Harley-Davidson Dealer.

Installation

1. To remove the engine from the frame, use the procedures found in the Sportster Models Service Manual.
2. Hook the lifting hook of the engine hoist on the eye-swivel of the Sportster Engine Hook (Part No. HD-46284).
3. See Figure 1. Suspend the engine hook from the hoist and use the two mounting bolts and washers from the motorcycle to attach the engine hook to the cylinder heads.

WARNING

Snug the bolts down securing the engine to the Sportster Engine Hook before supporting the weight of the engine on the engine hook and hoist. Failure to secure the engine could result in death or serious injury.

4. Carefully lift engine enough to relieve pressure from mounting bolts.
5. Remove front and rear engine isolator mount fasteners and brackets following the Service Manual procedures.
6. Lift engine as necessary and swing rear of engine first out of the left side of the chassis.
7. Using the Sportster Engine Hook, reverse the procedure to install the engine in the chassis.

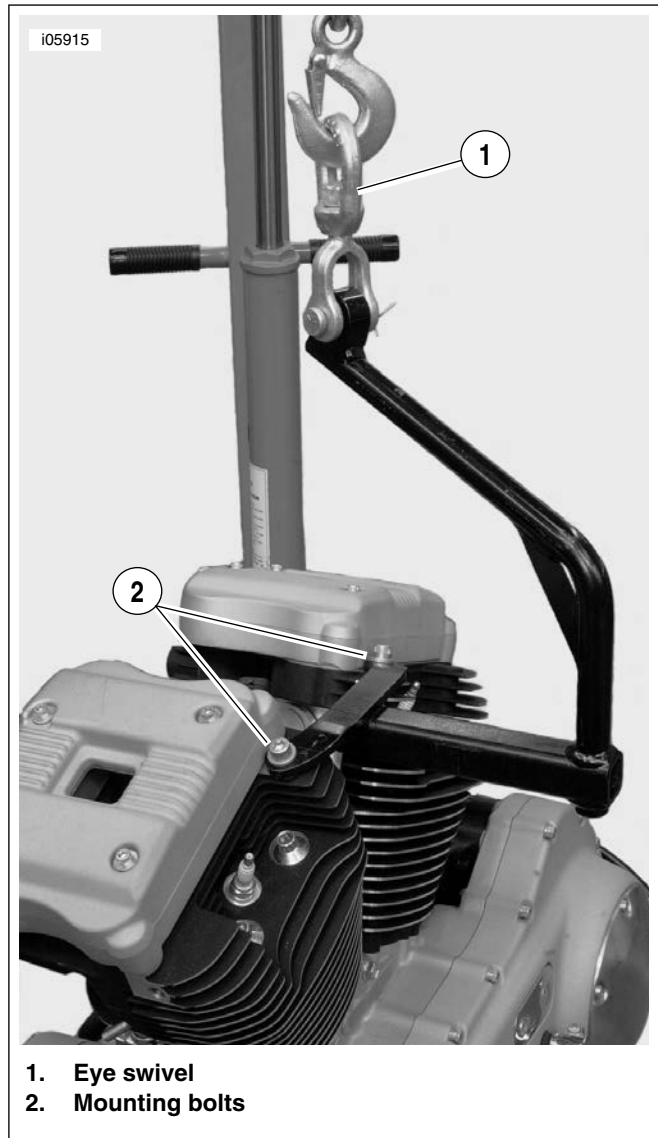


Figure 1. Sportster Engine Hook (HD-46284)